

Jamaica by Swartz, and, presumably, it has not been seen in a living state by any botanist during this long period, a striking illustration of the extremely local distribution of some West Indian species.

It would appear that the plant was correctly referred to the Bromeliaceae at its original description; as Mr. Baker remarks, it is allied, at least in habit, to *Tillandsia utriculata* L., though he places the two in different subgenera. In floral structure it differs from both his subgenera *Platystachys* and *Cyathophora* by having a pair of scales at the base of each corolla-segment, and in this feature agrees with his subgenus *Vriesia*, a group regarded by Professor Mez as of generic rank.

As shown by the specimens collected by Mr. Harris, the inflorescence is about 1.3 meters high, floriferous from about the middle, the lower panicle-branches up to 3 dm. long, the lower bracts of the scape lanceolate, 1-1.5 dm. long, long-acuminate; the basal leaves are narrowly lanceolate, 6-8 dm. long, 4-6 cm. wide and very long-acuminate, glabrous and finely many-nerved; the flowers are sessile and quite widely separated on the slender branches of the inflorescence, their bracts ovate-lanceolate, acutish, about 1 cm. long; the linear sepals are 2 cm. long, and the thin parallel-veined petals 3 cm. long, linear-lanceolate and acuminate, about one-fourth longer than the stamens.

The capsule was described by Mr. J. G. Baker as at least twice as long as the calyx.

NEW YORK BOTANICAL GARDEN.

## LOCAL FLORA NOTES—VIII\*

BY NORMAN TAYLOR

*Species*

*Specimens wanted from*

### CRUCIFERAE

*Arabis hirsuta* (L.) Scop.

Northern N. J. and N. Y.

*Cardamine pratensis* L.

N. J. or elsewhere in the range. †

\* Continued from Bull. Torrey Club 37: 559-562. N 1910.

† The local flora range as prescribed by the Club's Preliminary Catalogue of 1888 is as follows: All of the state of Connecticut; Long Island; in New York the

<i>Species</i>	<i>Specimens wanted from</i>
<i>Cardamine rotundifolia</i> Michx.	Western N. J. and eastern Pa.
<i>Cardamine purpurea</i> (Torr.) Britton.	Northern N. Y. and Pa.
<i>Dentaria maxima</i> Nutt.	Northern N. Y., N. J., and Pa.
<i>Dentaria anomala</i> Eames.	Anywhere in the range.
<i>Dentaria diphylla</i> Michx.	N. J.
<i>Dentaria incisifolia</i> Eames.	Anywhere in the range.
<i>Dentaria heterophylla</i> Nutt.	N. J.
<i>Draba caroliniana</i> Walt.	Anywhere in the range.
<i>Lepidium apetalum</i> Willd.	Anywhere in the range.
<i>Lepidium medium</i> L.	N. Y. and N. J.
<i>Lepidium graminifolium</i> L.	Anywhere in the range.
<i>Roripa americana</i> (A. Gray) Britton.	Northern N. Y. and Pa.
<i>Roripa hispida</i> (Desv.) Britton.	N. Y. and Pa.
<i>Lunaria annua</i> L.	Anywhere in the range.
<i>Arabis patens</i> Sullivant.	Eastern Pa.
<i>Brassica japonica</i> Siebold.	Anywhere in the range.

## SARRACENIACEAE

<i>Sarracenia purpurea</i> L.	Westchester, Orange, and Rockland counties, N. Y., and from Somerset Co., N. J.
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## DROSERACEAE

<i>Drosera filiformis</i> Raf.	Middlesex, Mercer, and Camden counties, N. J.
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## PODOSTEMONACEAE

<i>Podostemon Ceratophyllum</i> Michx.	Anywhere in the range.
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counties bordering the Hudson River up to and including Columbia and Greene, also Sullivan and Delaware counties; all of New Jersey; and Pike, Wayne, Monroe, Lackawanna, Luzerne, Northampton, Lehigh, Carbon, Bucks, Berks, Schuylkill, Montgomery, Philadelphia, Delaware and Chester counties in Pennsylvania.

## Species

## Specimens wanted from

## CRASSULACEAE

<i>Tillaea aquatica</i> L.	Anywhere in the range.
<i>Sempervivum tectorum</i> L.	N. J. and N. Y.
<i>Rhodiola rosea</i> L. (Sedum).	Any stations not in Britton's Manual.
<i>Sedum ternatum</i> Michx.	Anywhere in the range.

## PARNASSIACEAE

<i>Parnassia caroliniana</i> Michx.	Anywhere in the coastal plain.
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## SAXIFRAGACEAE

<i>Micranthes (Saxifraga) micranthidifolia</i> (Haw.) Small.	Eastern Pa.
<i>Micranthes (Saxifraga) pennsylvanica</i> (L.) Haw.	Northern N. J.
<i>Tiarella cordifolia</i> L.	Eastern Pa.
<i>Heuchera Curtisii</i> T. & G.	Anywhere in the range.
<i>Heuchera pubescens</i> Pursh.	Mountains of Pa.
<i>Mitella nuda</i> L.	Northern N. Y.
<i>Chrysosplenium americanum</i> Schwein.	L. I., central N. J., and Pa.

## HYDRANGEACEAE

<i>Hydrangea arborescens</i> L.	New Jersey.
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## ITEACEAE

<i>Itea virginica</i> L.	Ocean and Monmouth counties, N. J.
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## HAMAMELIDACEAE

<i>Hamamelis virginiana</i> L.	In or near the pine-barrens of N. J. and L. I.
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## ALTINGIACEAE

<i>Liquidambar Styraciflua</i> L.	In or north of the highlands of the Hudson.
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## Species

## Specimens wanted from

## GROSSULARIACEAE

<i>Ribes lacustre</i> (Pers.) Poir.	Northern N. Y.
<i>Ribes glandulosum</i> Grauer. ( <i>R.</i> <i>prostratum</i> L'Her.)*	Pa. & N. Y.
<i>Ribes americanum</i> Mill. ( <i>R.</i> <i>floridum</i> L'Her.)	Northern N. Y. and N. J.
<i>Ribes triste</i> Pall. ( <i>R. rubrum</i> L.)	N. J. and N. Y.
<i>Grossularia hirtella</i> (Michx.) Spach. ( <i>R. huronense</i> Rydb.)	N. J. and Pa.
<i>Grossularia</i> ( <i>Ribes</i> ) <i>Cynosbati</i> (L.) Mill.	Northern N. J., N. Y., and Pa.

## PLATANACEAE

<i>Platanus occidentalis</i> L.	Ulster, Greene, and Delaware counties, N. Y.
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## REVIEWS

## The Plant Life of Maryland†

There are very few states in the Union whose vegetation has been described with any pretense of thoroughness, and in Maryland not even a catalogue of the vascular plants of the whole state had been published before; probably chiefly because the state contains very few rare and perhaps no endemic species, and therefore offers little attraction to the average systematic botanist. Maryland is the northernmost state, south of the glaciated region, which extends all the way from the coast to the mountains (and incidentally probably the only one which contains both *Taxus minor* and *Taxodium*, or *Pinus Taeda* and

\* The names used are those maintained in North American Flora 22: 193-209. 1908. The ones in brackets are those in Britton's manual.

† The Plant Life of Maryland. By Forrest Shreve, M. A. Chrysler, Frederick H. Blodgett and F. W. Besley. Special publication Maryland Weather Service, new series, Vol. 3, 533 pp., 39 plates (including 1 map), 15 text-figures (including 12 maps). Baltimore, 1910.

Abstracts or reviews of it have already appeared in Science II. 32: 837-868. Dec. 16, 1910; Forestry Quarterly 8: 484-486. 1911; and Scottish Geographical Magazine 27: 1-6. f. 1-4. Jan., 1911.